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Sheet 1 of 1

Complete if Known

Application Number	10/750,294-Conf. #9179
Filing Date	December 30, 2003
First Named Inventor	John L. Vian
Art Unit	2856
Examiner Name	S. M. Shah
Attorney Docket Number	BA1-03-0687 (03-0687)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Haiying Huang, John Vian, David Carlson, and Donald C. Wunsch; "Support Vector Machine Application to Inverse Models for Propulsion Vibration Diagnostics"; technical paper presented at Society of Photo-Optical Instrumentation Engineers (SPIE) Symposium on Aerospace/Defense Sensing, Simulation, and Controls; Orlando, Florida; February 16, 2001	
	CB	Xiao Hu, John Vian, Jai Choi, David Carlson, and Donald C. Wunsch; "Propulsion Vibration Analysis Using Neural Network Inverse Modeling"; technical paper presented at 2002 World Congress on Computational Intelligence; Honolulu, Hawaii; May 12, 2002	
	CC	Xiao Hu, John Vian, Joseph R. Slepiski, and Donald C. Wunsch; "Vibration Analysis Via Neural Network Inverse Models to Determine Aircraft Engine Unbalance Conditions"; technical paper presented at International Joint Conference on Neural Networks; Portland, Oregon; April 18, 2003	

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